

=====

Sequence Listing could not be accepted due to errors.

See attached Validation Report.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: markspencer

Timestamp: [year=2009; month=5; day=11; hr=12; min=53; sec=44; ms=206;]

=====

Reviewer Comments:

1.

E252 Calc# of Seq. differs from actual; 12 seqIds defined;
count=13

<110> SAHIN, ERINC
 TARALP, ALPAY
 SAYERS, SEHRA

<120> CIRCULAR RECOMBINANT PLASMID DNA CONSTRUCTS AND THEIR PROTEIN
 PRODUCTS, METHODS OF PREPARATION AND IMMOBILISATION OF PROTEINS
 ON SUPPORT

<130> U015936-2

<140> 10550226

<141> 2006-11-22

<150> PCT/TR2003/000019

<151> 2003-03-20

<160> 12

<170> PatentIn version 3.3

<210> 13

<211> 29

<212> DNA

<213> Artificial sequence

<220>

<223> Frame adapter

* * * * *

The number provided for numeric identifier <160> must match the total number of sequences in the file. There were 13 sequences counted in this sequence listing. Numeric identifier <160> states there are a total of 12 sequences. Please make all necessary changes.

2.

W213	Artificial or Unknown found in <213> in SEQ ID (2)
W213	Artificial or Unknown found in <213> in SEQ ID (3)
W213	Artificial or Unknown found in <213> in SEQ ID (4)
W213	Artificial or Unknown found in <213> in SEQ ID (5)
W213	Artificial or Unknown found in <213> in SEQ ID (6)
W213	Artificial or Unknown found in <213> in SEQ ID (7)
W213	Artificial or Unknown found in <213> in SEQ ID (8)
W213	Artificial or Unknown found in <213> in SEQ ID (9)
W213	Artificial or Unknown found in <213> in SEQ ID (10)
W402	Undefined organism found in <213> in SEQ ID (11)
W213	Artificial or Unknown found in <213> in SEQ ID (12)
W213	Artificial or Unknown found in <213> in SEQ ID (13)

The warnings shown above are ok and require no response.

Application No: 10550226 Version No: 2.0

Input Set:

Output Set:

Started: 2009-04-23 15:51:52.311
Finished: 2009-04-23 15:51:53.607
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 296 ms
Total Warnings: 12
Total Errors: 1
No. of SeqIDs Defined: 12
Actual SeqID Count: 13

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 402	Undefined organism found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
E 252	Calc# of Seq. differs from actual; 12 seqIds defined; count=13

SEQUENCE LISTING

<110> SAHIN, ERINC
TARALP, ALPAY
SAYERS, SEHRA

<120> CIRCULAR RECOMBINANT PLASMID DNA CONSTRUCTS AND THEIR PROTEIN
PRODUCTS, METHODS OF PREPARATION AND IMMOBILISATION OF PROTEINS
ON SUPPORT

<130> U015936-2

<140> 10550226

<141> 2006-11-22

<150> PCT/TR2003/000019

<151> 2003-03-20

<160> 12

<170> PatentIn version 3.3

<210> 1

<211> 733

<212> DNA

<213> *Aequorea victoria*

<220>

<221> gene

<222> (17)..(733)

<223> GFP gene

<400> 1

```

ggtagcggta gaaaaaatga gtaaaggaga agaacttttc actggagttg tcccaattct      60
tgttgaatta gatggtgatg ttaatgggca caaatTTTct gtcagtggag aggggtgaagg      120
tgatgcaaca tacggaaaac ttacccttaa atttatttgc actactggaa aactacctgt      180
tccatggcca acacttgtca ctactttctc ttatggtggt caatgctttt cccgttatcc      240
ggatcatatg aaacggcatg actttttcaa gagtgccatg cccgaagggt atgtacagga      300
acgcactata tctttcaaag atgacgggaa ctacaagacg cgtgctgaag tcaagtttga      360
aggtgatacc ctgtttaatc gtatcgagtt aaaaggtatt gatTTTaaag aagatggaaa      420
cattctcgga cacaactcg agtacaacta taactcacac aatgtatata tcacggcaga      480
caaacaaaag aatggaatca aagctaactt caaaattcgc cacaacattg aagatggatc      540
cgttcaacta gcagaccatt atcaacaaaa tactccaatt ggcgatggcc ctgtcctttt      600
accagacaac cattacctgt cgacacaatc tgccctttcg aaagatccca acgaaaagcg      660

```

tgaccacatg gtccttcttg agtttgtaac tgctgctggg attacacatg gcatggatga	720
gctctacaaa taa	733
<210> 2	
<211> 6029	
<212> DNA	
<213> Artificial sequence	
<220>	
<223> Empty PETM-11 plasmid	
<220>	
<221> misc_feature	
<222> (1)..(6029)	
<223> Empty PETM-11 plasmid	
<400> 2	
atccggatat agttcctcct ttcagcaaaa aacccctcaa gaccggttta gaggccccaa	60
ggggttatgc tagttattgc tcagcgggtgg cagcagccaa ctcagcttcc tttcgggctt	120
tgttagcagc cggatctcag tgggtggtgg ggtggtgctc gagtgcggcc gcaagcttgt	180
cgacggagct cgaattcgga tccggtacca ctagttagag accaagacac gccttgtagc	240
tgctctgcag ctttattctc ttgatgctgg tgctggaata gccctcatca ctgccgaggc	300
tctgcatgct gccccgctcg tcagagtcgc tcacactgct gctgctccag tccagatcac	360
ctgtgagata gtccgtgctc tccacgtcaa cgtcgatttc ttcctgtcg gagtccgagc	420
gctccgagga gacgggtggag ccgatgctgt ccatccggat cctctcaatg cccagcttct	480
ccagctgcct cttcagggtgt cgtctgctctc gctgaagctg gtcgatttgg tgaacggctt	540
ttctgtcaca atcttcaagt ttctttatgt gcaatttggc tttgttaat aaactcaacg	600
tagtgtgtcg acttgattcg ggtcccagtg gcaccagccc cttcaacttc tccaggcaca	660
agcgaagatg agcccgctca ttctttctcca ttccattgtg agttgatctg ctactgctgt	720
tattcttttt ggatttggtc ctccggttta aggcattctc gtccttgttt ttgtatggta	780
acatggaggc ataaccatgt tcagcttctc tctcccgcg ctccagatag tcggccgcct	840
ccagcagcat ctggatgttc atccgaaccg ccgccgccat ggcgccctga aaataaagat	900
tctcagtagt ggggatgtcg taatcgctca tgggggtgatg gtgatggtga tgtttcatgg	960
tatatctcct tcttaaagtt aaatcaaaat tatttctaga ggggaattgt tatccgctca	1020
caattcccct atagtgagtc gtattaattt cgcgggatcg agatctcgat cctctacgcc	1080
ggacgcatcg tggccggcat caccggcgcc acaggtgctg ttgctggcgc ctatatcgcc	1140

gacatcaccg atggggaaga tcgggctcgc cacttcgggc tcatgagcgc ttgtttcggc	1200
gtgggtatgg tggcaggccc cgtggccggg ggactgttgg gcgccatctc cttgcatgca	1260
ccattccttg cggcggcggg gctcaacggc ctcaacctac tactgggctg cttcctaata	1320
caggagtcgc ataagggaga gcgtcgagat cccggacacc atcgaatggc gcaaaacctt	1380
tcgcggtatg gcatgatagc gcccggaaga gagtcaattc aggggtgtga atgtgaaacc	1440
agtaacgta tacgatgtcg cagagtatgc cgggtgtctc tatcagaccg tttcccgcgt	1500
ggtgaaccag gccagccacg tttctgcgaa aacgcgggaa aaagtggaag cggcgatggc	1560
ggagctgaat tacattccca accgcgtggc acaacaactg gcgggcaaac agtcgttgct	1620
gattggcggt gccacctcca gtctggccct gcacgcgcgc tcgcaaattg tcgcggcgat	1680
taaatctcgc gccgatcaac tgggtgccag cgtggtggtg tcgatggtag aacgaagcgg	1740
cgtcgaagcc tgtaaagcgg cgggtgcacaa tcttctcgcg caacgcgtca gtgggctgat	1800
cattaactat ccgctggatg accaggatgc cattgctgtg gaagctgcct gcactaatgt	1860
tccggcgta tttcttgatg tctctgacca gacacccatc aacagtatta ttttctcca	1920
tgaagacggt acgcgactgg gcgtggagca tctggtcgca ttgggtcacc agcaaatcgc	1980
gctgttagcg ggccattaa gttctgtctc ggcgcgctcg cgtctggctg gctggcataa	2040
atatctcact cgcaatcaaa ttcagccgat agcggaacgg gaaggcgact ggagtgccat	2100
gtccggtttt caacaaacca tgcaaatgct gaatgagggc atcgttccca ctgcgatgct	2160
ggttgccaac gatcagatgg cgctgggcgc aatgcgcgc attaccgagt ccgggctgcg	2220
cgttggtgcg gatatctcgg tagtgggata cgacgatacc gaagacagct catgttatat	2280
cccgccgta accaccatca aacaggattt tcgcctgctg gggcaaacca gcgtggaccg	2340
cttgctgcaa ctctctcagg gccaggcggg gaagggcaat cagctgttgc ccgtctcact	2400
ggtgaaaaga aaaaccaccc tggcgcccaa tacgcaaacc gcctctcccc gcgcgttggc	2460
cgattcatta atgcagctgg cacgacaggt ttcccgactg gaaagcgggc agtgagcgca	2520
acgcaattaa tgtaagttag ctcactcatt aggcaccggg atctcgaccg atgcccttga	2580
gagccttcaa ccagtcagc tccttcgggt gggcgcgggg catgactatc gtcgccgcac	2640
ttatgactgt cttctttatc atgcaactcg taggacaggt gccggcagcg ctctgggtca	2700
ttttcggcga ggaccgcttt cgctggagcg cgacgatgat cggcctgtcg cttgcggtat	2760
tcggaatctt gcacgcctc gctcaagcct tcgtcactgg tcccgccacc aaacgtttcg	2820

gcgagaagca ggccattatc gccggcatgg cggccccacg ggtgcgcatg atcgtgctcc	2880
tgtcgttgag gaccgcgcta ggctggcggg gttgccttac tggttagcag aatgaatcac	2940
cgatacgcga gcgaacgtga agcgactgct gctgcaaaac gtctgcgacc tgagcaacaa	3000
catgaatggt cttcggtttc cgtgtttcgt aaagtctgga aacgcggaag tcagcgcct	3060
gcaccattat gttccggatc tgcacgcag gatgctgctg gctaccctgt ggaacaccta	3120
catctgtatt aacgaagcgc tggcattgac cctgagtgat ttttctctgg tcccgccgca	3180
tccataccgc cagttgttta cctcacaac gttccagtaa ccgggcatgt tcatcatcag	3240
taacccgatat cgtgagcatc ctctctcgtt tcatcggtat cattaccccc atgaacagaa	3300
atccccctta cacggaggca tcagtgacca aacaggaaaa aaccgccctt aacatggccc	3360
gctttatcag aagccagaca ttaacgcttc tggagaaact caacgagctg gacgcgcatg	3420
aacaggcaga catctgtgaa tcgcttcacg accacgctga tgagctttac cgcagctgcc	3480
tcgcgcgttt cgggtgatgac ggtgaaaacc tctgacacat gcagctcccg gagacggtca	3540
cagcttgtct gtaagcggat gccgggagca gacaagcccg tcagggcgcg tcagcgggtg	3600
ttggcgggtg tcggggcgca gccatgaccc agtcacgtag cgatagcgga gtgtatactg	3660
gcttaactat gcggcatcag agcagattgt actgagagtg caccatatat gcggtgtgaa	3720
ataccgcaca gatgcgtaag gagaaaatac cgcacaggc gctcttcgc ttcctcgctc	3780
actgactcgc tgcgctcggc cgttcggctg cggcgagcgg tatcagctca ctcaaaggcg	3840
gtaatacggc tatccacaga atcaggggat aacgcaggaa agaacatgtg agcaaaaggc	3900
cagcaaaagg ccaggaaccg taaaaaggcc gcgttgctgg cgtttttcca taggctccgc	3960
ccccctgacg agcatcacia aaatcgacgc tcaagtcaga ggtggcgaaa cccgacagga	4020
ctataaagat accaggcgtt tccccctgga agctccctcg tgcgctctcc tgttccgacc	4080
ctgccgctta ccggatacct gtccgccttt ctcccttcgg gaagcgtggc gctttctcat	4140
agctcacgct gtaggtatct cagttcggtg taggtcgttc gctccaagct gggctgtgtg	4200
cacgaacccc ccgttcagcc cgaccgctgc gccttatccg gtaactatcg tcttgagtcc	4260
aacccggtaa gacacgactt atcgccactg gcagcagcca ctggtaacag gattagcaga	4320
gcgaggtatg taggcgggtg tacagagttc ttgaagtggg ggctaaacta cggctacact	4380
agaaggacag tatttggtat ctgcgctctg ctgaagccag ttaccttcgg aaaaagagtt	4440
ggtagctctt gatccggcaa acaaaccacc gctggtagcg gtgggttttt tgtttgcaag	4500
cagcagatta cgcgcagaaa aaaaggatct caagaagatc ctttgatctt ttctacgggg	4560

tctgacgctc agtggaaacga aaactcacgt taagggattht tggatcatgaa caataaaaact	4620
gtctgcttac ataaacagta atacaagggg tgttatgagc catattcaac gggaaacgtc	4680
ttgctctagg ccgcgattaa attccaacat ggatgctgat ttatatgggt ataaatgggc	4740
tcgcgataat gtcgggcaat caggtgcgac aatctatcga ttgtatggga agcccgatgc	4800
gccagagttg tttctgaaac atggcaaagg tagcgttgcc aatgatgtta cagatgagat	4860
ggtcagacta aactggctga cggaaatttat gcctcttcg accatcaagc attttatccg	4920
tactctgat gatgcatgggt tactcaccac tgcgatcccc gggaaaacag cattccaggt	4980
attagaagaa tatcctgatt caggtgaaaa tattgttgat gcgctggcag tgttctgcg	5040
ccggttgcat tcgattcctg tttgtaattg tccttttaac agcgatcgcg tatttcgtct	5100
cgctcaggcg caatcacgaa tgaataacgg tttggtgat gcgagtgatt ttgatgacga	5160
gcgtaatggc tggcctgttg aacaagtctg gaaagaaatg cataaacttt tgccattctc	5220
accggattca gtcgtcactc atggtgattht ctcaattgat aacctatttt ttgacgaggg	5280
gaaattaata gggtgtattg atgttgagc agtcggaatc gcagaccgat accaggatct	5340
tgccatccta tggaactgcc tcggtgagtt ttctccttca ttacagaaac ggctttttca	5400
aaaatatgggt attgataatc ctgatatgaa taaattgcag ttatcatthga tgctcgatga	5460
gtttttctaa gaattaattc atgagcggat acatattthga atgtattthag aaaaataaac	5520
aaataggggt tccgcgcaca tttccccgaa aagtgcacc tgaaattgta aacgttaata	5580
ttttgttaaa attcgcgtta aatttttgtht aaatcagctc atttttttaac caataggccg	5640
aaatcggcaa aatcccttat aaatcaaaag aatagaccga gatagggttg agtgthgttc	5700
cagthtgga caagagtcca ctattaaaga acgtggactc caacgtcaa gggcgaaaaa	5760
ccgtctatca gggcgatggc ccaactacgtg aaccatcacc ctaatcaagt tttttgggt	5820
cgaggtgccg taaagcacta aatcggaacc ctaaaggag ccccgattt agagcttgac	5880
ggggaaagcc ggcgaacgtg gcgagaaagg aagggaagaa agcgaaagga gcgggcgcta	5940
gggcgctggc aagtgtagcg gtcacgctgc gcgtaaccac cacaccgcc gcgcttaatg	6000
cgcgctaca gggcgcgtcc cattegcc	6029

<210> 3

<211> 5369

<212> DNA

<213> Artificial sequence

<220>

<223> Intermediate pETM-adp plasmid, on way to pETM-GFP-Imm construct

<400> 3

catcaccatc accatcaccc catgagcgat tacgacatcc ccactactga gaatctttat	60
tttcagggcg ccatgggagg cacggtaccg gatccgaatt cgagctccgt cgacaagctt	120
gcggccgcac tcgagcacca ccaccaccac cactgagatc cggctgctaa caaagcccga	180
aaggaagctg agttggctgc tgccaccgct gagcaataac tagcataacc ccttggggcc	240
tctaaacggg tcttgagggg ttttttgctg aaaggaggaa ctatatccgg attggcgaat	300
gggacgcgcc ctgtagcggc gcattaagcg cggcgggtgt ggtggttacg cgcagcgtga	360
ccgctacact tgccagcgcc ctagegcccg ctcttttcgc tttcttcctt tcctttctcg	420
ccacgttcgc cggttttccc cgtcaagctc taaatcgggg gctcccttta gggttccgat	480
ttagtgcttt acggcacctc gacccccaaa aacttgatta gggatgatggg tcacgtagtg	540
ggccatcgcc ctgatagacg gtttttcgcc ctttgacgtt ggagtccacg ttctttaata	600
gtggactctt gttccaaact ggaacaacac tcaaccctat ctcggtctat tcttttgatt	660
tataagggat tttgccgatt tcggcctatt ggttaaaaaa tgagctgatt taacaaaaat	720
ttaacgcgaa ttttaacaaa atattaacgt ttacaatttc aggtggcact tttcggggaa	780
atgtgcgcgg aacccttatt tgtttatttt tctaaataca ttcaaatatg tatccgctca	840
tgaattaatt cttagaaaaa ctcatcgagc atcaaatgaa actgcaattt attcatatca	900
ggattatcaa taccatattt ttgaaaaagc cgtttctgta atgaaggaga aaactcacgc	960
aggcagttcc ataggatggc aagatcctgg tatcgggtctg cgattccgac tcgtccaaca	1020
tcaatacaac ctattaattt cccctcgtca aaaataaggt tatcaagtga gaaatcacca	1080
tgagtgcgca ctgaatccgg tgagaatggc aaaagtttat gcattttctt ccagacttgt	1140
tcaacaggcc agccattacg ctcgatcatc aaatcactcg catcaaccaa accgttattc	1200
attcgtgatt gcgcctgagc gagacgaaat acgcgatcgc tggtaaaagg acaattacaa	1260
acaggaatcg aatgcaaccg gcgcaggaac actgccagcg catcaacaat attttcacct	1320
gaatcaggat attcttctaa tacctggaat gctgttttcc cggggatcgc agtggtgagt	1380
aaccatgcat catcaggagt acggataaaa tgcttgatgg tcggaagagg cataaattcc	1440
gtcagccagt ttagtctgac catctcatct gtaacatcat tggcaacgct acctttgcca	1500
tgtttcagaa acaactctgg cgcacggggc ttcccataca atcgatagat tgtcgcacct	1560
gattgcccga cattatcgcg agcccattta taccatata aatcagcatc catggttgaa	1620

tttaatcgcg gcctagagca agacgtttcc cgttgaatat ggctcataac accccttgta	1680
ttactgttta tgtaagcaga cagttttatt gtcatgacc aaaatccctt aacgtgagtt	1740
ttcgttccac tgagcgtcag accccgtaga aaagatcaaa ggatcttctt gagatccttt	1800
ttttctgcg c gtaatctgct gcttgcaaac aaaaaaacca ccgctaccag cggtggtttg	1860
tttgccggat caagagctac caactctttt tccgaaggta actggcttca gcagagcgca	1920
gataccaaat actgtccttc tagtgtagcc gtagttaggc caccacttca agaactctgt	1980
agcaccgcct acatacctcg ctctgctaata cctgttacca gtggctgctg ccagtggcga	2040
taagtcgtgt cttaccgggt tggactcaag acgatagtta ccggataagg cgcagcggtc	2100
gggctgaacg ggggggttcgt gcacacagcc cagcttgagg cgaacgacct acaccgaact	2160
gagataccta cagcgtgagc tatgagaaag cgccacgctt cccgaaggga gaaaggcgga	2220
caggtatccg gtaagcggca gggctcggaac aggagagcgc acgagggagc ttccaggggg	2280
aaacgcctgg tatctttata gtctgtcgg gtttcgccac ctctgacttg agcgtcgatt	2340
tttgtgatgc tcgtcagggg ggcggagcct atggaaaaac gccagcaacg cggccttttt	2400
acggttcctg gccttttgct ggccttttgc tcacatgttc tttcctgcgt tatccctga	2460
ttctgtggat aaccgtatta ccgcctttga gtgagctgat accgctcgcc gcagccgaac	2520
gaccgagcgc agcaggtcag tgagcgagga agcgggaagag cgcctgatgc ggtattttct	2580
ccttacgcat ctgtgcggtta tttcacaccg catatatggt gcactctcag tacaatctgc	2640
tctgatgccg catagttaag ccagtataca ctccgctatc gctacgtgac tgggtcatgg	2700
ctgcgccccg acaccgcga acaccgcgtg acgcgccctg acgggcttgt ctgctcccgg	2760
catccgctta cagacaagct gtgaccgtct ccgggagctg catgtgtcag aggttttcac	2820
cgtcatcacc gaaacgcgcg aggcagctgc ggtaaagctc atcagcgtgg tcgtgaagcg	2880
attcacagat gtctgcctgt tcatecgcgt ccagctcggt gagtttctcc agaagcgtta	2940
atgtctggct tctgataaag cgggccatgt taaggcggt ttttcctgt ttggtcactg	3000
atgcctccgt gtaaggggga tttctgttca tgggggtaat gataccgatg aaacgagaga	3060
ggatgctcac gatacggggt actgatgatg aacatgcccg gttactggaa cgttgtgagg	3120
gtaaacaact ggcggtatgg atgcggcggg accagagaaa aatcactcag ggtcaatgcc	3180
agcgcttcgt taatacagat gtaggtgttc cacagggtag ccagcagcat cctgcgatgc	3240
agatccggaa cataatggtg cagggcgtg acttccgcgt ttccagactt tacgaaacac	3300

ggaaaccgaa gaccattcat gttgttgctc aggtcgcaga cgttttgcag cagcagtcgc	3360
ttcacgttcg ctgcgctatc ggtgattcat tctgctaacc agtaaggcaa ccccgccagc	3420
ctagccgggt cctcaacgac aggagcacga tcatgcgcac ccgtggggcc gccatgccgg	3480
cgataatggc ctgcttctcg ccgaaacgtt tgggtggcggg accagtgcgc aaggcttgag	3540
cgagggcgctg caagattccg aataccgcaa gcgacaggcc gatcatcgtc gcgctccagc	3600
gaaagcggtc ctgcgcgaaa atgaccacga gcgctgccgg cacctgtcct acgagttgca	3660
tgataaagaa gacagtcata agtgccggcga cgatagtcac gccccgcgcc caccggaagg	3720
agctgactgg gttgaaggct ctcaagggca tcggtcgaga tcccggtgcc taatgagtga	3780
gctaacttac attaatgctg ttgcgctcac tgcccgcttt ccagtcggga aacctgtcgt	3840
gccagctgca ttaatgaatc ggccaacgcg cggggagagg cggtttgcgt attgggcgcc	3900
aggggtggttt ttcttttcac cagtgcgcgc ggcaacagct gattgccctt caccgcctgg	3960
ccctgagaga gttgcagcaa gcggtccacg ctggtttgcc ccagcaggcg aaaatcctgt	4020
ttgatggctg ttaacggcgg gatataacat gagctgtctt cggtatcgtc gtatccact	4080
accgagatat ccgcaccaac gcgcagcccg gactcggtaa tggcgcgcac tgcccccagc	4140
gccatctgat cgttggaac cagcatcgca gtgggaacga tgccctcatt cagcatttgc	4200
atggtttgtt gaaaaccgga catggcactc cagtgcctt cccgttcgc tctcggtga	4260
atgtgattgc gaggtagata tttatgccag ccagccagac gcagacgcgc cgagacagaa	4320
cttaatgggc ccgctaacag cgcgatttgc tggtagacca atgcgaccag atgctccacg	4380
cccagtcgcg taccgtcttc atgggagaaa ataatactgt tgatgggtgt ctggtcagag	4440
acatcaagaa ataacgcccg aacattagtg caggcagctt ccacagcaat ggcaccttgg	4500
tcatccagcg gatagttaat gatcagccca ctgacgcgtt gcgcgagaag attgtgcacc	4560
gccgctttac aggtctcgac gccgcttcgt tctaccatcg acaccaccac gctggcacc	4620
agttgatcgg cgcgagattt aatgcgcgcg acaatttgcg acggcgcgtg cagggccaga	4680
ctggaggtgg caacgccaat cagcaacgac tgtttgcccg ccagttgttg tgccacgcgg	4740
ttgggaatgt aattcagctc cgccatcgcc gcttccactt tttcccgcgt tttcgcagaa	4800
acgtggctgg cctggttcac caccgggaa acggtctgat aagagacacc ggcatactct	4860
gcgacatcgt ataacgttac tggtttcaca ttaccaccc tgaattgact ctcttcggg	4920
cgctatcatg ccataaccgcg aaagggtttg cgccattcga tgggtgtccg gatctcgacg	4980
ctctccctta tgcgactcct gcattaggaa gcagcccagt agtaggttga ggccgttgag	5040

caccgccgcc gcaaggaatg gtgcatgcaa ggagatggcg cccaacagtc ccccgccac 5100

ggggcctgcc accataccca cgccgaaaca agcgctcatg agcccgaagt ggcgagcccg 5160

atcttcccca tcggtgatgt cggcgatata ggcgccagca accgcacctg tggcgccggt 5220

gatgccggcc acgatgcgtc cggcgtagag gatcgagatc tcgatcccgc gaaattaata 5280

cgactcacta taggggaatt gtgagcggat aacaattccc ctctagaaat aattttgatt 5340

taactttaag aaggagatat accatgaaa 5369

<210> 4

<211> 3337

<212> DNA

<213> Artificial sequence

<220>

<223> pGFPuv plasmid coding for GFP from Aequorea victoria

<220>

<221> CDS

<222> (286)..(1014)

<223> pGFPuv plasmid coding for GFP from Aequorea victoria

<400> 4

agcgcccaat acgcaaaccg cctctccccg cgcgttggcc gattcattaa tgcagctggc 60

acgacaggtt tcccgactgg aaagcgggca gtgagcgcaa cgcaattaat gtgagttagc 120

tcactcatta ggcaccccag gctttacact ttatgettcc ggctcgtatg ttgtgtggaa 180

ttgtgagcgg ataacaattt cacacaggaa acagctatga ccatgattac gccaaagcttg 240

catgcctgca ggtcgactct agaggatccc cgggtaccgg tagaa aaa atg agt aaa 297

Lys Met Ser Lys

1

gga gaa gaa ctt ttc act gga gtt gtc cca att ctt gtt gaa tta gat 345

Gly Glu Glu Leu Phe Thr Gly Val Val Pro Ile Leu Val Glu Leu Asp

5 10 15 20

ggg gat gtt aat ggg cac aaa ttt tct gtc agt gga gag ggt gaa ggt 393

Gly Asp Val Asn Gly His Lys Phe Ser Val Ser Gly Glu Gly Glu Gly

25 30 35

gat gca aca tac gga aaa ctt acc ctt aaa ttt att tgc act act gga 441

Asp Ala Thr Tyr Gly Lys Leu Thr Leu Lys Phe Ile Cys Thr Thr Gly

40 45